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AMENDMENTS TO THE CLAIMS:

- 1. (Canceled)
- 2. (Canceled)
- (Canceled)
- 4. (Canceled)
- 5. (Canceled)
- 6. (Canceled)
- 7. (Currently Amended) A disc-shaped recording medium comprising:

a video data recording area in which an audio stream containing audio data is recorded; and

a video manager recording area located in a different position from the video data recording area in a direction of a diameter of the recording medium, in which control information is recorded.

wherein the control information includes application information indicating whether or not the audio stream recorded in the video data recording area contains audio data intermingled from different recording modes, each audio data formed with a different recording mode of said audio data being recorded on as one stream in time series.

8. (Previously Presented) The recording medium according to claim 7, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.

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9. (Previously Presented) The recording medium according to claim 7, wherein the audio stream contains multiplexed audio data.

- 10. (Previously Presented) The recording medium according to claim 9, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels.
- 11. (Previously Presented) The recording medium according to claim 9, wherein the audio stream further contains multi-channel audio data, and wherein the application information indicates that the audio stream contains the audio data with different recording modes.
- 12. (Previously Presented) The recording medium according to claim 7, wherein the control information further includes number information indicating a number of audio channels in the audio stream.
- 13. (Previously Presented) The recording medium according to claim 7, wherein the control information further includes number information specifying one of the recording modes.
- 14. (Previously Presented) The recording medium according to claim 7, wherein the control information further includes rate information indicating a bit rate of the audio data.

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15. (Currently Amended) A system for recording audio data on a disd-shaped

recording medium comprising:

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a recording device which records audio data in a video data recording area of the

recording medium as an audio stream; and

a generating device which generates control information including application

information indicating whether or not the audio stream recorded in the video data

recording area contains audio data intermingled from different recording modes, each

audio data formed with a different recording mode of said audio data being recorded on

as one stream in time series,

wherein the recording device records the control information in a video manager

recording area located in a different position from the video data recording area in a

direction of a diameter of the recording medium.

16. (Previously Presented) The system according to claim 15, wherein the

recording modes include monaural audio, multi-channel audio and multiplexed audio.

17. (Previously Presented) The system according to claim 15, wherein the

audio stream includes multiplexed audio data.

18. (Previously Presented) The system according to claim 17, wherein the

multiplexed audio data consists of a plurality of audio channels and contains multiple

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language data in different audio channels.

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19. (Previously Presented) The system according to claim 17, wherein the

audio stream further includes multi-channel audio data, and

wherein the generating device generates application information indicating that

the audio stream contains audio data with different recording modes.

20. (Previously Presented) The system according to claim 15, wherein the

generating device further generates number information indicating a number of audio

channels in the audio stream.

21. (Previously Presented) The system according to claim 15, wherein the

generating device further generates number information specifying one of the recording

modes.

22. (Previously Presented) The system according to claim 15, wherein the

generating device further generates rate information indicating a bit rate of the audio

data.

23. (Currently Amended) A system for reproducing audio data from a disc-

shaped recording medium comprising a video data recording area in which an audio

stream containing the audio data is recorded, and a video manager recording area

located in a different position from the video data recording area in a direction of a

diameter of the recording medium in which control information is recorded, wherein the

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control information includes application information indicating whether or not the audio

stream recorded in the video data recording area contains audio data intermingled from

different recording modes, each audio data formed with a different recording mode of

said audio data being recorded on as one stream in time series, the system comprising:

a reading device which reads the control information from the video manager

recording area of the recording medium; and

a controller which controls the reproduction of the audio data recorded in the

video data recording area of the recording medium based on the control information.

The system according to claim 23, wherein the 24. (Previously Presented)

recording modes include monaural audio, multi-channel audio and multiplexed audio.

(Previously Presented) The system according to claim 23, wherein the 25.

audio stream contains multiplexed audio data.

26. (Previously Presented) The system according to claim 25, wherein the

multiplexed audio data consists of a plurality of audio channels and contains multiple

language data in different audio channels, the system further comprising operating

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device for selecting one of the multiple language data,

wherein the controller controls the reproduction of the audio data such that only

the selected one of the multiple language data is reproduced.

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27. (Previously Presented) The system according to claim 25, wherein the

audio stream further contains multi-channel audio data, and

wherein the application information indicates that the audio stream contains the audio

data with different recording modes.

28. (Previously Presented) The system according to claim 23, wherein the

control information further includes number information indicating a number of audio

channels in the audio stream.

29. (Previously Presented) The system according to claim 23, wherein the

control information further includes number information specifying one of the recording

modes.

30. (Previously Presented) The system according to claim 23, wherein the

control information further includes rate information indicating a bit rate of the audio

data.

31. (Currently Amended) A method of recording audio data on a disd-shaped

recording medium comprising the steps of:

recording audio data in a video data recording area of the recording medium as

an audio stream;

generating control information including application information indicating

whether or not the audio stream recorded in the video data recording area contains

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audio data intermingled from different recording modes, each audio data formed with a

different recording mode of said audio data being recorded on as one stream in time

series; and

recording the control information in a video manager recording area located in a

different position from the video data recording area in a direction of a diameter of the

recording medium.

The method according to claim 31, wherein the 32. (Previously Presented)

recording modes include monaural audio, multi-channel audio and multiplexed audio.

The method according to claim 31, wherein the 33. (Previously Presented)

audio stream contains multiplexed audio data.

34. (Previously Presented) The method according to claim 33, wherein the

multiplexed audio data consists of a plurality of audio channels and contains multiple

language data in different audio channels.

35. (Previously Presented) The method according to claim 33, wherein the

audio stream further contains multi-channel audio data, and

wherein the application information indicates that the audio stream contains audio data

with different recording modes.

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> (Previously Presented) The method according to claim 31, wherein the 36.

> control information further includes number information indicating a number of audio

channels in the audio stream.

The method according to claim 31, wherein the 37. (Previously Presented)

control information further includes number information specifying one of the recording

modes.

The method according to claim 31, wherein the 38. (Previously Presented)

control information further includes rate information indicating a bit rate of the audio

data.

(Currently Amended) A method of reproducing audio data from a disc-39.

shaped recording medium comprising a video data recording area in which an audio

stream containing the audio data is recorded, and a video manager recording area

located in a different position from the video data recording area in a direction of a

diameter of the recording medium, in which control information is recorded, wherein the

control information includes application information indicating whether or not the audio

stream recorded in the video data recording area contains audio data intermingled from

different recording modes, each audio data formed with a different recording mode of

said audio data being recorded on as one stream in time series, the method comprising

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the steps of:

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reading the control information from the video manager recording area of the recording medium; and

controlling the reproduction of the audio data recorded in the video data recording area of the recording medium based on the control information.

- The method according to claim 39, wherein the (Previously Presented) 40. recording modes include monaural audio, multi-channel audio and multiplexed audio.
- (Previously Presented) The method according to claim 39, wherein the 41. audio stream contains multiplexed audio data.
- The method according to claim 41, wherein the 42. (Previously Presented) multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels,

the method further comprising the step of selecting one of the multiple language data.

wherein the step of controlling the reproduction controls the reproduction of the audio data such that only the selected one of the multiple language data is reproduced.

43. (Previously Presented) The method according to claim 41, wherein the audio stream further contains multi-channel audio data, and wherein the application information indicates that the audio stream contains the audio data with different recording modes.

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channels in the audio stream.

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44. (Previously Presented) The method according to claim 41, wherein the control information further includes number information indicating a number of audio

45. (Previously Presented) The method according to claim 39, wherein the control information further includes number information specifying one of the recording modes.

46. (Previously Presented) The method according to claim 39, wherein the control information further includes rate information indicating a bit rate of the audio data.

47. (Previously Presented) A disc-shaped recording medium comprising:

a video data recording area in which an audio stream containing audio data is recorded; and

a video manager recording area located in a different position from the video data recording area in a direction of a diameter of the recording medium in which control information is recorded,

wherein the control information includes a mixed mode flag indicating whether multiplexed audio, multi-channel audio and monaural audio are mixed as one stream.

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48. (Previously Presented) The recording medium of claim 47, wherein the

control information also includes channel number data.

49. (Previously Presented) The recording medium of claim 48, wherein the

channel number data indicates multiplexed audio data, multi-channel audio data, and

monaural audio data.

50. (Previously Presented) A system for recording audio data on a disc-

shaped recording medium comprising:

a recording device which records audio data in a video data recording area of the

recording medium as an audio stream; and

a generating device which generates control information including a mixed mode

flag indicating whether multiplexed audio, multi-channel audio and monaural audio are

mixed as one stream,

wherein the recording device records the control information in a video manager

recording area located in a different position from the video data recording area in a

direction of a diameter of the recording medium.

51. (Previously Presented) The system of claim 50, wherein the control

information also includes channel number data.

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52. (Previously Presented) The system of claim 51, wherein the channel

number data indicates multiplexed audio data, multi-channel audio data, and monaural

audio data.

53. (Previously Presented) A system for reproducing audio data from a disc-

shaped recording medium comprising a video data recording area in which an audio

stream containing the audio data is recorded, and a video manager recording area

located in a different position from the video data recording area in a direction of a

diameter of the recording medium in which control information is recorded, wherein the

control information includes a mixed mode flag indicating whether multiplexed audio,

multi-channel audio and monaural audio are mixed as one stream, the system

comprising:

a reading device which reads the control information from the video manager

recording area of the recording medium; and

a controller which controls the reproduction of the audio data recorded in the

video data recording area of the recording medium based on the control information.

54. (Previously Presented) The system of claim 53, wherein the control

information also includes channel number data.

55. (Previously Presented) The system of claim 54, wherein the channel

number data indicates multiplexed audio data, multi-channel audio data, and monaural

audio data.

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A method of recording audio data on a disc-56. (Previously Presented)

shaped recording medium comprising the steps of:

recording audio data in a video data recording area of the recording medium as

an audio stream:

generating control information including a mixed mode flag indicating whether

multiplexed audio, multi-channel audio and monaural audio are mixed as one stream;

and

recording the control information in a video manager recording area located in a

different position from the video data recording area in a direction of a diameter of the

recording medium.

57. (Previously Presented) The method of claim 56, wherein the control

information also includes channel number data.

58. (Previously Presented) The method of claim 57, wherein the channel

number data indicates multiplexed audio data, multi-channel audio data, and monaural

audio data.

59. (Previously Presented) A method of reproducing audio data from a

disc-shaped recording medium comprising a video data recording area in which an

audio stream containing the audio data is recorded, and a video manager recording

area located in a different position from the video data recording area in a direction of a

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diameter of the recording medium, in which control information is recorded, wherein the

control information includes a mixed mode flag indicating whether multiplexed audio,

multi-channel audio and monaural audio are mixed as one stream, the method

comprising the steps of:

reading the control information from the video manager recording area of the

recording medium; and

controlling the reproduction of the audio data recorded in the video data

recording area of the recording medium based on the control information.

60. (Previously Presented) The method of claim 59, wherein the control

information also includes channel number data.

(Previously Presented) The method of claim 60, wherein the channel 61.

number data indicates multiplexed audio data, multi-channel audio data, and monaural

audio data.

(Previously Presented) The recording medium according to claim 7, 62.

wherein the video manager recording area is located inward of the video data recording

area.

63. (Previously Presented) The recording medium according to claim 15,

wherein the video manager recording area is located inward of the video data recording

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64. (Previously Presented) The recording medium according to claim 23,

wherein the video manager recording area is located inward of the video data recording

area.

65. (Previously Presented) The recording medium according to claim 31,

wherein the video manager recording area is located inward of the video data recording

area.

66. (Previously Presented) The recording medium according to claim 39,

wherein the video manager recording area is located inward of the video data recording

area.

67. (Previously Presented) The recording medium according to claim 47,

wherein the video manager recording area is located inward of the video data recording

area.

68. (Previously Presented) The recording medium according to claim 50,

wherein the video manager recording area is located inward of the video data recording

area.

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69. (Previously Presented) The recording medium according to claim 53, wherein the video manager recording area is located inward of the video data recording

area.

70. (Previously Presented) The recording medium according to claim 56,

wherein the video manager recording area is located inward of the video data recording

area.

71. (Previously Presented) The recording medium according to claim 59,

wherein the video manager recording area is located inward of the video data recording

area.

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